|              |                         |                                |                 | Ш        |                     | Ш        |              |          |  |              |            |          |               |             |                |               | 36,            |          | 5_       |          |           |        |            |            | MARTIN, ERIC C.                        |                    |           |               |          |          |          |           |          |   |
|--------------|-------------------------|--------------------------------|-----------------|----------|---------------------|----------|--------------|----------|--|--------------|------------|----------|---------------|-------------|----------------|---------------|----------------|----------|----------|----------|-----------|--------|------------|------------|--|--------------------|-----------|---------------|----------|----------|----------|-----------|----------|---|
| į            | Ш                       |                                | Ш               | Ш        |                     | Ш        |              |          |  | Ш            |            |          |               |             | E              | xan           | nin            | er       |          |          |           |        |            |            |  | Α                  | rt (      | Jni           | t        |          |          | -         |          |   |
|              | (Jackie) T              |                                |                 |          |                     |          |              |          |  |              |            |          |               |             | and Iven T. Ho |               |                |          |          |          |           | 3731   |            |            |  |                    |           |               |          |          |          |           |          |   |
|              | (Jackie) Tan-Uyen T. Ho |                                |                 |          |                     |          |              |          |  |              |            |          |               |             |                | . nu          | <u> </u>       | 19/91    |          |          |           |        |            |            | <del></del>                            |                    |           |               |          |          |          |           |          |   |
|              |                         |                                |                 |          |                     |          |              |          |  |              |            |          |               |             |                | $\overline{}$ |                |          |          |          |           | $\neg$ |            |            |  |                    |           |               |          |          |          |           |          |   |
|              |                         | √ Rejected — (Through numeral) |                 |          |                     |          |              |          |  |              |            |          |               |             |                |               |                | No       | on-      | Ele      | Elected   |        |            |            | Δ Appeal                               |                    |           |               |          |          |          |           |          |   |
|              | Cancelled               |                                |                 |          |                     |          |              |          |  |              |            |          |               |             |                |               | N Non-Ele      |          |          |          |           |        |            |            | A Appeal                               |                    |           |               |          |          |          |           |          |   |
|              |                         |                                | ٠               |          |                     | П        |              | Γ        | Τ                                      |              |            |          |               |             |                |               | ſ              | . [      |          |          |           |        |            |            |  | Objected           |           |               |          | $\neg$   |          |           |          |   |
|              |                         | =                              | Al              | lov      | vec                 | ۱,       |              | +        | •                                      |              | Restricted |          |               |             |                |               | I Interference |          |          |          |           |        | O Objected |            |  | d                  |           |               |          |          |          |           |          |   |
|              |                         |                                |                 |          |                     | لــ      |              | <u> </u> | ــــــــــــــــــــــــــــــــــــــ |              |            |          |               |             |                |               |                |          |          |          |           |        |            |            | لـــا                                  |                    |           |               |          |          | لـــ     |           |          |   |
| Clai         | m                       |                                |                 | _        | D                   | ate      |              |          |  | ]            | Claim      |          |               |             |                | С             | ale            | ate      |          |          |           | ٢      | Cla        | im         | 1                                      |                    |           | 0             | ate      |          |          |           |          |   |
|              | =                       |                                | 2018/05         | Т        | Т                   | Т        | Т            | Т        | Т                                      | Ì            |            | =        | 50/0/03       | 3           |                |               | T              | $\top$   |          | Т        | ٦         | Γ      | $\neg$     |            | 30                                     | ত্                 |           |               |          |          | П        |           | ٦        |   |
| Final        | gine                    | ő                              | 3               | -        | ı                   | - 1      |              | 1        |  | ł            | Final      | gin      | 4             | %           | -              |               |                |          |          |          | 1         | 1      | Final      | gin        | 6                                      | 2                  |           |               |          |          |          |           |          |   |
| اتنا         | Original                | 4/1                            | 킖               | .        | - 1                 | - 1      |              |          |  |              | Œ          | Original | 10            | 7           | - 1            |               |                |          | - 1      |          | -         |        | Œ          | Original   | 61/x                                   | 7/6                |           |               | - 1      |          |          |           |          |   |
|              |                         | ş                              | 7               | +        | -                   | +        | +            | +        | +-                                     | }            | $\vdash$   | 51       | <u>।</u><br>१ |             |                |               | -+             | +        | +        | +        | $\dashv$  | ŀ      |            | 101        | ø                                      | 0                  | $\vdash$  | $\dashv$      | -        | -        | ┥        | $\dashv$  | $\dashv$ |   |
|              | 2                       | 1                              | X               | $\dashv$ | $\dashv$            | $\dashv$ | +            | ╁        | 十                                      | ł            | H- 1       | 52       | 취             | ¥           | Н              |               | $\dashv$       | +        | $\dashv$ | +        | ┥         | H      | $\dashv$   | 102        | 1                                      | 5                  | H         | 1             | +        | ┪        | -        | ┪         | ᅥ        |   |
|              | 3                       | Н                              | ╫               | +        | $\dashv$            | $\dashv$ | 十            | 十        | +                                      | 1            |            | 53       | Н             | Ť           | H              | $\dashv$      | _              | 7        | $\dashv$ | 寸        | ヿ         | ŀ      |            | 103        | H                                      | Ħ                  |           | 7             | 1        | 7        | 一        | $\exists$ | ┪        |   |
|              | 4                       |                                |                 |          |                     | T        |              | I        |  | ]            |            | 54       |               | I           |                |               |                |          |          |          |           |        |            | 104        | $\Box$                                 |                    |           |               |          | $\Box$   |          |           | $\Box$   |   |
|              | 5                       |                                | $\Box$          | $\Box$   |                     |          | $\Box$       | $\perp$  |  | ]            |            | 55       |               | 1           |                |               | $\Box$         |          | $\bot$   | $\perp$  |           |        |            | 105        | Ц                                      | Щ                  | _         | 4             | _        | 4        | 4        |           | _        |   |
|              | 6                       |                                | -#              | 4        | 4                   | 4        | 4            |          | 1                                      | Į            | $\vdash$   | 56<br>57 | Ш             | +           |                | $\dashv$      | 4              | 4        | $\dashv$ | +        | 4         | ╌      |            | 106<br>107 | H                                      | Н                  |           | -             | -        | -        | $\dashv$ | -         | ᅼ        | • |
|              | 7                       |                                | $\dashv$        | ┽        | ᅪ                   | +        | ┰            |          | +                                      | ┨            | $\vdash$   | 58       | Н             | ╁           | H              | $\dashv$      | +              | $\dashv$ | $\dashv$ | +        | ┥         | ŀ      |            | 108        | Н                                      | Н                  |           | $\dashv$      | -1       | ᅥ        | $\dashv$ | ᅥ         | ㅓ        |   |
| 1            | 9                       | Н                              | +               | +        | +                   | +        | +            | +        | 十                                      | 1            |            | 59       | Н             | †           |                |               | 1              | 十        | $\dashv$ | 十        | 7         | ŀ      | $\dashv$   | 109        | 17                                     | $\forall$          |           | 7             | 7        | $\dashv$ | _        | ┪         | $\dashv$ |   |
|              | 10                      | 2                              | 4               | 7        | _                   | 7        | 1            | +        | 1                                      | 1            |            | 60       |               | T           |                |               |                |          |          |          |           | į      |            | 110        |  |                    |           |               |          |          |          |           |          |   |
|              | n                       |                                |                 | $\Box$   | $\Box$              |          | $\Box$       | $\perp$  | I                                      |              |            | 61       | $\square$     | I           |                |               |                |          | $\Box$   | $\Box$   |           |        |            | 111        | П                                      | Ц                  |           |               |          | _        |          | _         | $\Box$   |   |
|              | 1/2                     |                                |                 |          | $\dashv$            | _        | 4            | _        | 4                                      |              | $\perp$    | 62       | Ш             | 4           | $oxed{oxed}$   | Ц             | _              | $\dashv$ | 4        | -        | 4         | ŀ      |            | 112        | 11                                     | Н                  | $\square$ | 4             | $\dashv$ | -        |          | -         |          |   |
|              | 13                      | م√ه                            | 기               | 4        |                     | 4        | +            | +        | +-                                     | {            | -          | 63<br>64 | Н             | +           | -              | -             | -              | $\dashv$ | $\dashv$ | -+       | $\dashv$  | ŀ      |            | 113<br>114 | ₩                                      | Н                  | $\vdash$  | -             | $\dashv$ | -        | -        | $\dashv$  | $\dashv$ |   |
|              | 15                      | Н                              | ++              | -        | $\dashv$            | $\dashv$ | +            | +        | ╁                                      | $\mathbf{I}$ | -          | 65       | Н             | +           | -              |               | $\dashv$       | -        | $\dashv$ | $\dashv$ |           | ŀ      | $\dashv$   | 115        | +                                      | Н                  | Н         | ᅦ             |          |          |          | ᅱ         | ᅱ        |   |
|              | 16                      | Н                              | +++             | 7        | -                   | +        | 十            | -        | +                                      | 1            | -          | 66       | Н             | +           | -              |               | 7              | $\dashv$ | 寸        | _        | 7         | ŀ      |            | 116        | #                                      | Н                  | Н         | 寸             |          |          | _        |           | $\neg$   |   |
|              | 17                      | Н                              | 11              | 7        | 7                   | 7        | $\neg$       | 1        |  |              |            | 67       |               | I           |                |               |                |          | I        |          |           | ľ      |            | 117        |  |                    |           | $\overline{}$ |          |          |          |           |          |   |
|              | 18                      |                                |                 | $\Box$   | $\Box$              | $\Box$   | $\Box$       | $\perp$  | $\perp$                                | ]            |            | 68       | Ш             | $\perp$     |                |               | $\perp$        | _        | $\perp$  | _[       | $\exists$ | Ţ      |            | 118        | Щ.                                     | Ц                  | $\square$ | 4             |          | _        | _        |           | $\dashv$ |   |
| <u>  -  </u> | 19                      | Ш                              | Ш               | _        |                     | 4        |              | -        | +-                                     | ļ            | <u> </u>   | 69<br>70 | Н             | 4           | ┝              | Н             |                |          | $\dashv$ | +        | $\dashv$  | -      |            | 119<br>120 | ╟                                      | Н                  | $\vdash$  | $\dashv$      |          | $\dashv$ | -        |           | $\dashv$ |   |
|              | 20<br>21                | Н                              | -++             | -        | $\dashv$            | -        | -+           | +        | +-                                     | 1            | -          | 71       | Н             | +           | -              |               | -              | $\dashv$ | -        | -+       | ᅱ         | ŀ      |            | 121        | ╫╌                                     | Н                  |           |               |          |          |          | ᅱ         | $\dashv$ |   |
|              | 22                      | H                              |                 | -        | -                   | +        | $\dashv$     |          | ╁                                      | 1            | -          | 72       | H             | +           | -              | Н             | -              | $\dashv$ | 7        | -        | ᅥ         | ŀ      |            | 122        | #                                      | H                  |           |               |          |          |          |           |          |   |
|              | 23                      | H                              | $\Box$          |          |                     |          | 寸            |          |  | 1            |            | 73       |               | I           |                |               |                |          |          |          |           | Ţ      |            | 123        |  | П                  |           |               |          |          |          |           |          |   |
|              | 24                      |                                |                 |          | $\Box$              |          | $\Box$       | $\Box$   | $I_{-}$                                | ]            |            | 74       |               |             |                |               |                | $\perp$  | $\dashv$ | 4        | 4         | · ļ    |            | 124        |  | Ц                  | Щ         | _             |          |          | $\dashv$ | _         | _        |   |
|              | 25                      | Ш                              | Ш               | _        | $\dashv$            | 4        |              | -        | 4-                                     | -            | <u></u>    | 75       | H             | <b> </b>  - | <u> </u>       | Н             |                | $\dashv$ | -        | +        | ᅱ         | }      |            | 125<br>126 | #-                                     | H                  |           | $\dashv$      |          | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$ |   |
|              | 26<br>27                | -                              | Ш               | -        |                     | -        | -+           | +        |  | ┨            |            | 76<br>77 | Н             | -           | ├              |               |                | $\dashv$ | +        | -+       | ┥         | }      |            | 127        | #-                                     | +                  | Н         | $\dashv$      |          |          |          |           | -        |   |
| -            | 28                      | ++                             | Hŧ              | -        | -                   | -        | +            | 十        | +-                                     | ┪            | <b></b>    | 78       | ╫             | -           | $\vdash$       | -             | -              | -        | $\dashv$ | +        | ᅦ         | h      |            | 128        | #                                      | $\dagger \uparrow$ | П         |               |          |          | _        |           |          |   |
| ·            | 29                      | H                              | H               | 7        | _                   |          | _            | +        | 1                                      | 1            |            | 79       |               |             |                |               |                |          |          |          | ╛         | [      |            | 129        |  |                    |           |               |          |          |          |           |          |   |
|              | 30                      | П                              |                 |          |                     |          |              |          |  | ]            |            | 80       |               | _           |                |               |                | $\Box$   |          | $\Box$   |           |        |            | 130        |  | Щ                  | Ш         |               |          |          |          | Ц         |          |   |
|              | 31                      | Ш                              | Ш               | _        | _                   | _        |              | _        | 4-                                     | 1            |            | 81       | Ľ             | 7           | <u> </u>       |               |                | 4        | -        |          | 4         | ŀ      |            | 131        |  | ₩                  | Н         | _             |          |          | _        | _         | Н        |   |
|              | 32                      | -                              | Н               | -        | $\dashv$            | -        |              | +        | -                                      | -            |            | 82<br>83 | -             | Ö           | -              | $\vdash$      | $\dashv$       | $\dashv$ |          | -+       | $\dashv$  | }      |            | 132<br>133 |  | ╫                  | $\vdash$  |               | -        |          | $\vdash$ | -         |          |   |
| -            | 33<br>34                | 8                              | ₩               | -{       | -                   |          | $\dashv$     | +        | +                                      | 1            | -          | 84       | ╫╌            | H           | -              |               | +              | -1       | -        | -        | $\dashv$  | ŀ      |            | 134        |  | ╫╴                 | $\vdash$  | _             | Н        | -        | $\vdash$ |           | М        |   |
|              | 35                      | 2                              | $\vdash$        | ┪        |                     | 7        | +            | 十        | ╅                                      | 1            |            | 85       | #             | H           | Т              | Н             |                | _        | $\dashv$ | $\neg$   | ᅥ         | 1      |            | 135        |  | H                  |           |               |          |          |          |           |          |   |
|              | 35<br>35                |                                |                 |          |                     | 7        | I            |          |  | ]            |            | 86       |               |             |                |               |                |          |          |          |           |        |            | 136        |  | П                  |           |               |          |          |          |           |          |   |
|              | 37                      |                                |                 |          |                     | $\Box$   | $\Box$       |          |  | ]            |            | 87       |               | L           |                |               |                | _        | 4        | _        | _         | Ļ      |            | 137        |  | Ц.                 |           |               |          |          |          | _         |          |   |
|              | 38                      | _                              |                 | _        | $\dashv$            | -        |              | -        | -                                      | ┨            |            | 88       | ₩-            | #           | <b>├</b>       | -             |                |          | $\dashv$ | -+       |           | }      |            | 138<br>139 |  | ╫                  | -         | _             | -        |          |          |           |          |   |
|              | 39                      | -                              |                 | -        | -                   | -        | -            | +        | +-                                     | -            | -          | 89<br>90 | ╫╌            | ╟╴          | ╁╌             |               |                | -        | $\dashv$ | -        | $\dashv$  | }      |            | 140        |  | H                  | -         | H             | -        | -        | $\vdash$ | _         | -        |   |
|              | 40                      | ⊢                              | $\vdash$        | $\dashv$ | -                   | ᅱ        | $\dashv$     | +        | +                                      | 1            | <b>—</b>   | 91       | #             | ╟╴          | ╁              | Н             | Н              | 7        | 7        | +        | ᅱ         | ŀ      |            | 141        |  | H                  | $\vdash$  | П             | Н        | Н        | Н        | _         | Н        |   |
| <u> </u>     | 42                      | ┢                              | Н               | ┪        |                     | ᅥ        | _            | +        | $\top$                                 | 1            |            | 92       | T             |             |                |               |                |          |          |          |           | Ì      |            | 142        |  |                    |           |               |          |          |          |           |          |   |
|              | 43                      |                                |                 |          |                     |          |              |          |  | ]            |            | 93       | I             |             |                |               |                |          |          | $\Box$   |           |        |            | 143        |  | П                  |           |               |          |          |          |           |          |   |
|              | 44                      |                                |                 |          |                     | _[       | $\downarrow$ | _        | -                                      | 1            | -          | 94       | #             | #           | <del> </del>   |               | $  \bot  $     | _        | _        |          | -         | -      |            | 144        |  | H                  |           | <u> </u>      | _        |          |          |           | -        |   |
|              | 45                      | -                              | $\vdash \vdash$ | -        | $\vdash \downarrow$ | -        | -            | +        | +                                      | -            | -          | 95<br>96 | #-            | #           | -              | -             | H              | $\dashv$ |          |          | $\dashv$  | }      |            | 145<br>146 |  | C                  | 1         |               | -        | -        | -        | -         | -        | I |
|              | 46                      | $\vdash$                       | H               | $\dashv$ | H                   |          | $\dashv$     | +        | +                                      | 1            |            | 97       |               | #           | $\vdash$       | $\vdash$      | Н              |          | $\dashv$ | +        | $\dashv$  | 1      |            | 147        |  | Н                  | 1         |               | -        | -        | $\vdash$ | _         | -        | l |
|              | 48                      |                                |                 |          |                     | _        |              |          |  | 1            |            | 98       |               | I           | L              |               |                |          |          | J        | ╛         |        |            | 148        |  |                    |           |               |          |          |          |           |          | ı |
|              | 49                      |                                |                 |          |                     |          |              | $\Box$   | I                                      | ]            |            | 99       |               | Ц           | $\Box$         | $\Box$        |                |          |          | $\Box$   |           | Ţ      |            | 149        |  | 1                  | _         |               | L        | L        | L        | L         | ļ        |   |
|              | 50                      | 8                              | الا             |          | Ш                   |          | $\sqcup$     |          |  | ل            | L          | 100      | 10            | C           | <u>L</u>       | <u> </u>      | لــا           | Ш        | l        |          | لـــ      | Į      |            | 150        | ــــــــــــــــــــــــــــــــــــــ | <u></u>            | Ц.        | <u> </u>      | <u> </u> | <u> </u> |          | L         | L        | ļ |
|              |                         |                                |                 |          |                     |          |              |          |  |              |            |          |               |             |                |               |                |          |          |          |           |        |            |            |  | ,,,,               |           |               |          |          |          | _         |          |   |

Application No.

Index of Claims

Applicant(s)